

=> e vesuvin/cn

E1 1 VESUVIANITE, MANGANOAN (AL4((AL0-1FE0-1)6(MN0,8-2FE0-1,2MG0-1,2)CA19FE(OH)10(S1207)4(S104)10)/CN

E2 1 VESUVIANITE, TITANIAN (AL4((AL0-1FE0-1)4-5,2(FE0-1MG0-1)2TI0,8-2)CA19FE(OH)2((OH)6-7,200,8-2)(S1207)4(S104)10)/CN

E3 0 -> VESUVIN/CN

E4 1 VESUVINE BA/CN

E5 1 VESUVINE BP/CN

E6 1 VESYCA/CN

E7 1 VESZELYITE/CN

E8 1 VESZPREMITE/CN

E9 1 VESZPREMITE (AL6F80(S104)2)/CN

E10 1 VET/CN

E11 1 VET (EXTRACT) /CN

E12 1 VET 1/CN

=> s e4-e5

1 "VESUVINE BA"/CN  
 1 "VESUVINE BP"/CN  
 L1 2 ("VESUVINE BA"/CN OR "VESUVINE BP"/CN)

=> d 1-2 ide can



=>  
Uploading C:\Program Files\Stnexp\Queries\10534057.str



chain nodes :  
19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34  
ring nodes :  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18  
chain bonds :  
2-25 3-28 5-27 6-19 8-20 12-21 14-22 15-30 17-29 18-23 19-20 21-22 23-24 24-31 25-26  
26-32 31-33 32-34  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15 15-16 16-17  
17-18  
exact/norm bonds :  
2-25 3-28 5-27 6-19 8-20 12-21 14-22 15-30 17-29 18-23 19-20 21-22 23-24 25-26  
exact bonds :  
24-31 26-32 31-33 32-34  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15 15-16 16-17  
17-18  
isolated ring systems :  
containing 1 : 7 : 13 :

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom  
13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS 20:CLASS 21:CLASS 22:CLASS  
23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:Atom 32:Atom  
33:CLASS 34:CLASS

## L2 STRUCTURE uploaded

=> d  
L2 HAS NO ANSWERS  
L2 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> => d his

(FILE 'HOME' ENTERED AT 14:50:50 ON 15 MAR 2008)

FILE 'REGISTRY' ENTERED AT 14:51:02 ON 15 MAR 2008

E VESUVIN/CN

L1 2 S E4-E5  
L2 STRUCTURE uploaded  
L3 1 S L2  
L4 15 S L2 FULL

FILE 'CAPLUS' ENTERED AT 14:53:51 ON 15 MAR 2008  
L5 20 S L4

=> d que 15 stat  
L2 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

L4 15 SEA FILE=REGISTRY SSS FUL L2  
L5 20 SEA FILE=CAPLUS ABB=ON PLU=ON L4

=> d 1-20 ibib iabs hitstr











LS ANSWER 12 00 20 CAFLIS COPYRIGHT 2006 ACS on STM

DOCUMENT NUMBER: 20040204 CAFLIS

ORIGINAL REFERENCE NO: 99-249261,1596a

TITLE: Colored shaped articles such as contact lenses  
INVENTOR(S): Saito, Hiroaki; No, Tetsuo; Kiyomatsu, Toshiro;PATENT ASSIGNEE(S): Japan Synthetic Rubber Co., Ltd. c/o Japan Riken  
Central Research Institute, 2-1, Takanawabashi, Shinagawa-ku, Tokyo, Japan  
Box Pat. Appl. 24 pp.

SOURCE: US Pat. Appl. 24 pp.

CROSS-REF: 070000

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUN. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 0906	A2	1995022	EP 1995-006735	19951216
EP 0905	A2	1995020		
EP 0904	RE	1995019		
EP 0903	E	1995018		
EP 0902	DE, FR, GB	A	1995017	1995-004150
EP 0901	DE, FR, GB	A	1995022	DE 1995-004040

PROPERTY AFFILI. INFO.: JP 1995-004150 A 19951216

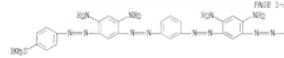
ABSTRACT:  
Unusually colored shaped articles such as contact lenses are prepared by immersing a polymerizable monomer in a solvent containing a water-soluble dye in a solvent capable of swelling the polymer and drying the article. Discoloration or fading due to leaching out of the dye is prevented by uniformly penetrating or dispersing the dye into the polymer. The article is formed from a polymer, a monomer, prepared from acrylic acids,  $\alpha$ -methylacrylic acid, and styrene glycol diacrylate, and a water-soluble dye. The article is dried at 20°C for 24 h to complete esterification and the lens then washed with  $\text{H}_2\text{O}$ . The lens was immersed in a 2.0% solution of  $\text{NaCl}$  at 9°C for 40 min (10°C-20°C) and then washed with  $\text{H}_2\text{O}$  at 20°C for 16 h. The lens was dried at 20°C for 24 h and washed with  $\text{H}_2\text{O}$  to remove surface dye. No discoloration occurred when the lens was immersed in distilled  $\text{H}_2\text{O}$  for 7 days.

IT 070000

NL 030000 (Geological study)

(acrylic contact lenses coloring with)

CN 021000 Benzene-sulfonic acid, 4,4'-(1,2-phenylene)bis[2,1-disubstituted[4,6-disubstituted-5,1-phenylene]-2,1-disubstituted]]bis-, sodium salt (C:2) (CA INDEX NAME)



■: No

LS ANSWER 12 00 20 CAFLIS COPYRIGHT 2006 ACS on STM

DOCUMENT NUMBER: 20040204 CAFLIS

ORIGINAL REFERENCE NO: 99-249261,1596a

TITLE: Colored articles, especially for wood coatings and their properties  
INVENTOR(S): Saito, Hiroaki

PATENT ASSIGNEE(S): Japan Synthetic Rubber Co., Ltd. c/o Japan Riken

SOURCE: 070000 TOSO, 090000, 44, 0901-17

CROSS-REF: 070000, 090000, 44, 0901-17

DOCUMENT TYPE: Patent

LANGUAGE: English

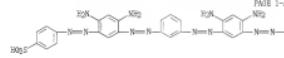
FAMILY ACC. NUN. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 220975	A2	19971125	EP 1996-12892	19970420
EP 220976	RE	19970006		

PROPERTY AFFILI. INFO.: FR 1996-12892 A 19970420

GRAPHIC DRAWING:



■: No

PAGE 1-B

IT 070000

(Leatherfastness of, on wood)

CN 021000 CAFLIS

CN 021000 Benzene-sulfonic acid, 4,4'-(1,2-phenylene)bis[2,1-disubstituted[4,6-disubstituted-5,1-phenylene]-2,1-disubstituted]]bis-, sodium salt (C:2) (CA INDEX NAME)



■: No

PAGE 1-B

LS ANSWER 12 00 20 CAFLIS COPYRIGHT 2006 ACS on STM

DOCUMENT NUMBER: 20040204 CAFLIS

ORIGINAL REFERENCE NO: 99-249261,1596a

TITLE: Colored shaped articles such as contact lenses

INVENTOR(S): Saito, Hiroaki; No, Tetsuo; Kiyomatsu, Toshiro;

PATENT ASSIGNEE(S): Japan Synthetic Rubber Co., Ltd. c/o Japan Riken

SOURCE: 070000 TOSO, 090000, 44, 0901-17

CROSS-REF: 070000 TOSO, 090000, 44, 0901-17

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUN. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 0906	A2	1995022	EP 1995-006735	19951216
EP 0905	RE	1995019		
EP 0904	DE	1995018		
EP 0903	E	1995017		
EP 0902	DE, FR, GB	A	1995017	1995-004150
EP 0901	DE, FR, GB	A	1995022	DE 1995-004040

PROPERTY AFFILI. INFO.: JP 1995-004150 A 19951216

GRAPHIC DRAWING:



LS ANSWER 19 OF 30 CAPLUS COPYRIGHT 2006 ACS ON STM

ACCESSION NUMBER 2004-0215 CAPLUS

DOCUMENT NUMBER 60-54715

ORIGINAL REFERENCE NO 00-54854

TITLE Stability of direct dyes at temperatures above 100°

AUTHOR(S) Erdman, Rita; Calvo, C.; Ravanay, L.; Bremen, Simeon; Grindea, Marilou; Dabestani, Farzaneh; Rana, Ravi; Bajaj, Rakesh

COMPONENT SOURCE Bolted, Institutional Polystic dyes (1960), 30-31, 32-33

SOURCE CODEN: DYEATAP; ISSN: 0032-6190

DOCUMENT TYPE Journal Article

LANGUAGE English

ABSTRACT

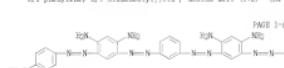
The behavior of 49 direct dyes at 100° was investigated. Modifications in the spectral characteristics (CA 61, 60960) and results of actual dyeing of cotton fiber in 1% aqueous solution at 100° in alkaline medium and acidic were determined in the presence of 10% NaOH. The dyes were heated in a metal vessel at 100° for 10 min. The dyes were more stable at 100°. The heat resistance of the dyes was lower in alkaline than in a metal vessel. The dyes were more stable in a metal vessel than in a glass vessel, only Direct Brilliant Orange and Direct Neutralant Baby LH being unusable. The results of the heat resistance of the dyes were in accordance with their color heat resistance, while the dyes derived from the carbonyl J series have a lower stability. In general, stability of the dyes was the same when heated in the absence of NaOH, but the heat resistance of the dyes in the presence of NaOH was improved by the action. The role of the secondary dyes in the final behavior of the products examined was also discussed.

IT 60-54715-4 Direct Brown 44

IT 60-54715-5 Direct Red 46

IN 60-54715-6 CAPLUS

CH Benzene-4-sulfonic acid, 4,4'-(1,2-phenylene)bis[2,1-diamino-5-(4,6-diamino-2,1-phenylene)-2,1-diamino]bis-, sodium salt (CI: 60-54854)



■: Na

PAGE 1-B

LS ANSWER 19 OF 30 CAPLUS COPYRIGHT 2006 ACS ON STM

ACCESSION NUMBER 2004-0215 CAPLUS

DOCUMENT NUMBER 60-54854

ORIGINAL REFERENCE NO 00-54854

TITLE Paper chromatography of reduction products of dyes from benzidine and its derivatives

AUTHOR(S) Erdmann, Rita; Bremen, Simeon; Grindea, Marilou

COMPONENT SOURCE Osaka City Ind. Research Inst.

SOURCE Kogyo Kagaku Zasshi (1960), 63, 609-615

DOCUMENT TYPE Journal Article

LANGUAGE English

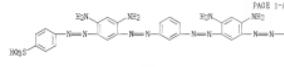
ABSTRACT

IT 60-54715-4 Benzidine-4-sulfonic acid was submitted to acid reduction with tin chloride and examined by paper chromatography by use of FeCl<sub>3</sub> as coloring reagent and NaCl-HCl (4:1) mixture or 28% NaOH aqueous solution as developing agent. The reduction products were found to be soluble in water. The names of dyes examined are Congo Red, Remazol Brilliant Blue RH, Direct Blue 3B, Direct Red 2B, Direct Red 15, Direct Red 17, Direct Red 22, Direct Orange 1, Prussian Orange R, Toluylene Orange G, Fast Red 2B, Betao Orange R, Direct Brown M, Direct Red 5, Direct Fast Red G, Congo Orange R, Betao Brown CH, Congo Green, Direct Blue 3B, Direct Red 15, Direct Red 17, Direct Red 22, Direct Orange R, Congo Red, Direct Green 5, Direct Dark Green, Congo Brown R, Direct Red 15B, Direct Black 6, Direct Black 6A.

IT 60-54715-5 Direct Brown 44 (products of)

IT 60-54715-6 CAPLUS

CH Benzene-4-sulfonic acid, 4,4'-(1,2-phenylene)bis[2,1-diamino-5-(4,6-diamino-2,1-phenylene)-2,1-diamino]bis-, sodium salt (CI: 60-54854)



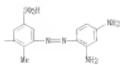
■: Na

PAGE 1-B

■: Na

(3) ANDER 20 OF 20 CAPLUS COPYRIGHT 2000 ACS on STN (Continued)

PAGE 2-B



=> => d que 19 stat  
L6 182 SEA FILE=CAPLUS ABB=ON PLU=ON "SCHMITT MICHAEL"/AU  
L7 135 SEA FILE=CAPLUS ABB=ON PLU=ON "REICHELT HELMUT"/AU  
L8 315 SEA FILE=CAPLUS ABB=ON PLU=ON L6 OR L7  
L9 1 SEA FILE=CAPLUS ABB=ON PLU=ON L8 AND (VESUVIN? OR (BISMARCK  
BROWN))

=> d bib abs



=> log h		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	126.35	331.90
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-16.80	-16.80

SESSION WILL BE HELD FOR 120 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 14:58:50 ON 15 MAR 2008